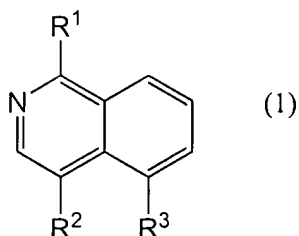


AMENDMENTS TO THE CLAIMS

1. (Original) A compound represented by the following formula (1) or a salt thereof:



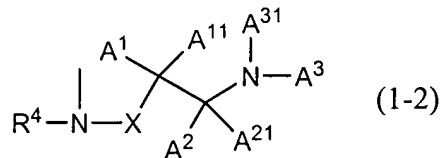
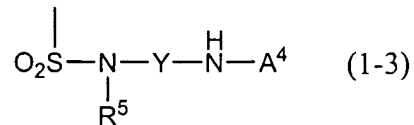
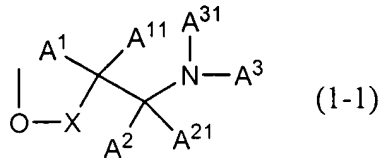
wherein  $R^1$  represents hydrogen atom, a halogen atom, hydroxyl group, amino group, or a  $C_{1-6}$  alkoxy group;

$R^2$  represents hydrogen atom, a halogen atom, a  $C_{1-6}$  alkyl group,  $-(C_{2-3} \text{ alkylene})O(G^1)$ ,  $-(C_{2-3} \text{ alkylene})CO_2(G^1)$ ,  $-N(G^2)(G^3)$ ,  $-O(C_{2-3} \text{ alkylene})O(G^1)$ ,  $-NH(C_{2-3} \text{ alkylene})O(G^1)$ ,  $-NH(C_{2-3} \text{ alkylene})N(G^2)(G^3)$ , a  $C_{2-3}$  alkenyl group, a  $C_{2-3}$  alkynyl group, a  $C_{1-6}$  alkoxy group,  $-(C_{2-3} \text{ alkylene})SO_2(C_{1-6} \text{ alkyl})$ ,  $-S(O)_p(C_{1-6} \text{ alkyl})$ ,  $-O(C_{2-3} \text{ alkylene})SO_2(C_{1-6} \text{ alkyl})$ , or cyano group;

$G^1$ ,  $G^2$ , and  $G^3$  independently represent hydrogen atom, or a  $C_{1-6}$  alkyl group;

$p$  represents an integer of from 0 to 2;

$R^3$  represents a group represented by the following formula (1-1), formula (1-2), or formula (1-3);



wherein

(i) when  $R^3$  represents a group represented by the formula (1-1):

X represents propylene group, butylene group,  $-C(A^5)(A^{51})-$ ,  $-C(A^5)(A^{51})-C(A^6)(A^{61})-$ , or a single bond;

$A^{11}$ ,  $A^{21}$ ,  $A^{51}$ , and  $A^{61}$  independently represent hydrogen atom, or a  $C_{1-6}$  alkyl group;

$A^{31}$  represents a  $C_{1-6}$  alkyl group substituted with hydroxyl group, or hydrogen atom; and

groups in each of one or more combinations selected from the group consisting of combinations of  $A^3$  and  $A^2$ ,  $A^3$  and  $A^1$ ,  $A^3$  and  $A^5$ ,  $A^3$  and  $A^6$ ,  $A^2$  and  $A^1$ ,  $A^2$  and  $A^5$ ,  $A^2$  and  $A^6$ ,  $A^1$  and  $A^5$ ,  $A^1$  and  $A^6$ , and  $A^5$  and  $A^6$  bind to each other to form a 5- or 6-membered ring, provided that a group or groups among  $A^1$ ,  $A^2$ ,  $A^3$ ,  $A^5$ , and  $A^6$  not involved in the ring formation independently represent hydrogen atom, or a  $C_{1-6}$  alkyl group;

(ii) when  $R^3$  represents a group represented by the formula (1-2):

X represents propylene group, butylene group,  $-C(A^5)(A^{51})-$ ,

-C(A<sup>5</sup>)(A<sup>51</sup>)-C(A<sup>6</sup>)(A<sup>61</sup>)-, or a single bond;

A<sup>11</sup>, A<sup>21</sup>, A<sup>51</sup>, and A<sup>61</sup> independently represent hydrogen atom, or a C<sub>1-6</sub> alkyl group;

A<sup>31</sup> represents a C<sub>1-6</sub> alkyl group substituted with hydroxyl group, or hydrogen atom;

R<sup>4</sup> represents hydrogen atom, or a C<sub>1-6</sub> alkyl group; and

A<sup>1</sup>, A<sup>2</sup>, A<sup>3</sup>, A<sup>5</sup>, and A<sup>6</sup> independently represent hydrogen atom, or a C<sub>1-6</sub> alkyl group; or

groups in each of one or more combinations selected from the group consisting of combinations of A<sup>3</sup> and A<sup>2</sup>, A<sup>3</sup> and A<sup>1</sup>, A<sup>3</sup> and A<sup>5</sup>, A<sup>3</sup> and A<sup>6</sup>, A<sup>2</sup> and A<sup>1</sup>, A<sup>2</sup> and A<sup>5</sup>, A<sup>2</sup> and A<sup>6</sup>, A<sup>1</sup> and A<sup>5</sup>, A<sup>1</sup> and A<sup>6</sup>, and A<sup>5</sup> and A<sup>6</sup> may bind to each other to form a 5- or 6-membered ring; and

(iii) when R<sup>3</sup> represents a group represented by the formula (1-3):

Y represents a C<sub>2-6</sub> alkylene group, a C<sub>2-6</sub> alkylene group substituted with a C<sub>1-6</sub> alkyl group, a C<sub>2-6</sub> alkylene group substituted with phenyl group, a C<sub>2-6</sub> alkylene group substituted with benzyl group, -(C<sub>1-6</sub> alkylene)phenylene(C<sub>1-6</sub> alkylene)-, 1,2-cyclohexylene group, or 1,3-cyclohexylene group;

A<sup>4</sup> represents hydrogen atom, or a C<sub>1-6</sub> alkyl group, or may binds to any one of carbon atoms of the alkylene moiety of Y to form a 4- to 7-membered ring;

R<sup>5</sup> represents -(C<sub>2-6</sub> alkylene)(cycloalkyl), -(C<sub>2-6</sub> alkylene)(aryl), -(C<sub>2-6</sub> alkylene)(heteroaryl), -(C<sub>2-6</sub>

alkylene)S(O)<sub>q</sub>(cycloalkyl), -(C<sub>2-6</sub> alkylene)S(O)<sub>q</sub>(aryl), -(C<sub>2-6</sub> alkylene)S(O)<sub>q</sub>(heteroaryl), -(C<sub>2-6</sub> alkylene)N(G<sup>6</sup>)(cycloalkyl), -(C<sub>2-6</sub> alkylene)N(G<sup>6</sup>)(aryl), -(C<sub>2-6</sub> alkylene)N(G<sup>6</sup>)(heteroaryl), -(C<sub>2-6</sub> alkylene)CON(G<sup>6</sup>)(cycloalkyl), -(C<sub>2-6</sub> alkylene)CON(G<sup>6</sup>)(aryl), or -(C<sub>2-6</sub> alkylene)CON(G<sup>6</sup>)(heteroaryl);

G<sup>6</sup> represents hydrogen atom, or a C<sub>1-6</sub> alkyl group;

q represents an integer of from 0 to 2;

said "aryl" is a phenyl group which may be substituted with one or more substituents selected from the group consisting of a halogen atom, a C<sub>1-6</sub> alkyl group, CF<sub>3</sub> group, a C<sub>1-6</sub> alkoxy group, cyano group, -N(G<sup>7</sup>)(G<sup>8</sup>), -CO<sub>2</sub>(G<sup>9</sup>), -S(O)<sub>r</sub>(G<sup>9</sup>), and -N(G<sup>9</sup>)SO<sub>2</sub>(C<sub>1-6</sub> alkyl);

G<sup>9</sup> represents hydrogen atom, or a C<sub>1-6</sub> alkyl group;

G<sup>7</sup> and G<sup>8</sup> independently represents hydrogen atom, or a C<sub>1-6</sub> alkyl group, or -N(G<sup>7</sup>)(G<sup>8</sup>) in said "aryl" as a whole may form a 4- to 7-membered ring which may contain oxygen atom, sulfur atom, or an N(G<sup>10</sup>) group, besides said nitrogen atom;

G<sup>10</sup> represents hydrogen atom, or a C<sub>1-6</sub> alkyl group;

said "heteroaryl" is selected from pyranyl, pyrazinyl, dioxolyl, furyl, thienyl, pyridyl, pyrimidyl, pyridazinyl, tetrazolyl, pyrrolyl, oxazolyl, thiazolyl, isoxazolyl, isothiazolyl, imidazolyl, pyrazolyl, oxadiazolyl, thiadiazolyl, and triazolyl, and these groups may optionally be substituted with one or more substituents selected from the group consisting of a C<sub>1-6</sub>

alkyl group which may be substituted with a halogen atom, and a halogen atom; and

r represents an integer of from 0 to 2.

2. (Original) The compound or salt thereof according to claim 1, wherein  $R^3$  is a group represented by the formula (1-1).

3. (Original) The compound or salt thereof according to claim 1, wherein  $R^3$  is a group represented by a formula (1-2).

4. (Currently Amended) The compound or salt thereof according to claim 1 ~~or 3~~, wherein  $R^3$  is a group represented by a formula (1-2);

X represents propylene group, butylene group,  $-C(A^5)(A^{51})-$ ,  $-C(A^5)(A^{51})-C(A^6)(A^{61})-$ , or a single bond;

$A^{11}$ ,  $A^{21}$ ,  $A^{51}$ , and  $A^{61}$  independently represent hydrogen atom, or a  $C_{1-6}$  alkyl group;

$A^{31}$  is a  $C_{1-6}$  alkyl group substituted with hydroxyl group, or hydrogen atom;

$R^4$  is hydrogen atom, or a  $C_{1-6}$  alkyl group; and

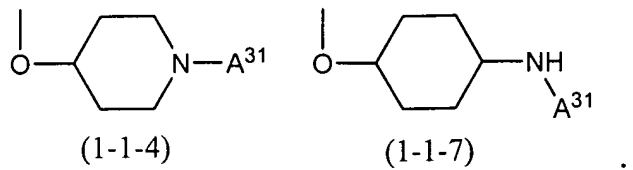
groups in each of one or more combinations selected from the group consisting of combinations of  $A^3$  and  $A^2$ ,  $A^3$  and  $A^1$ ,  $A^3$  and  $A^5$ ,  $A^3$  and  $A^6$ ,  $A^2$  and  $A^1$ ,  $A^2$  and  $A^5$ ,  $A^2$  and  $A^6$ ,  $A^1$  and  $A^5$ ,  $A^1$  and  $A^6$ , and  $A^5$  and  $A^6$  bind to each other to form a 5- or 6-membered ring

(provided that among A<sup>1</sup>, A<sup>2</sup>, A<sup>3</sup>, A<sup>5</sup>, and A<sup>6</sup>, the group or groups not involved in the ring formation independently represent hydrogen atom, or a C<sub>1-6</sub> alkyl group).

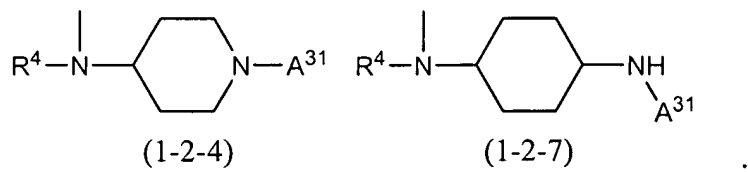
5. (Currently Amended) The compound or salt thereof according to ~~any one of claims 1 to 4~~ claim 1, wherein the ring formed by groups in each of one or more combinations selected from the group consisting of combinations of A<sup>3</sup> and A<sup>2</sup>, A<sup>3</sup> and A<sup>1</sup>, A<sup>3</sup> and A<sup>5</sup>, A<sup>3</sup> and A<sup>6</sup>, A<sup>2</sup> and A<sup>1</sup>, A<sup>2</sup> and A<sup>5</sup>, A<sup>2</sup> and A<sup>6</sup>, A<sup>1</sup> and A<sup>5</sup>, A<sup>1</sup> and A<sup>6</sup>, and A<sup>5</sup> and A<sup>6</sup> binding to each other is (i) a 6-membered ring, (ii) a ring consisting of carbon atoms, or when the ring contains a nitrogen atom to which A<sup>3</sup> binds, a ring consisting of carbon atoms except for the nitrogen atom, or (iii) a saturated ring.

6. (Currently Amended) The compound or salt thereof according to ~~any one of claims 1 to 5~~ claim 1, wherein X is -C(A<sup>5</sup>)(A<sup>51</sup>)-, or -C(A<sup>5</sup>)(A<sup>51</sup>)-C(A<sup>6</sup>)(A<sup>61</sup>)-.

7. (Currently Amended) The compound or salt thereof according to ~~any one of claims 1, 2, 5 and 6~~ claim 2, wherein R<sup>3</sup> is a group represented by the following formula (1-1-4) or formula (1-1-7)-



8. (Currently Amended) The compound or salt thereof according to ~~any one of claims 1 and 3 to 6~~ claim 3, wherein  $R^3$  is a group represented by the following formula (1-2-4) or formula (1-2-7):



9. (Currently Amended) The compound or salt thereof according to ~~any one of claims 1 to 8~~ claim 1, wherein  $A^{31}$  is hydrogen atom.

10. (Currently Amended) The compound or salt thereof according to ~~any one of claims 1 to 8~~ claim 1, wherein  $A^{31}$  is a  $C_{1-6}$  alkyl group substituted with hydroxyl group.

11. (Currently Amended) The compound or salt thereof according to ~~any one of claims 1, 3 to 6, and 8 to 10~~ claim 3, wherein  $R^4$  is hydrogen atom.

12. (Original) The compound or salt thereof according to claim 1, wherein  $R^3$  is a group represented by a formula (1-3).

13. (Original) The compound or salt thereof according to claim 12, wherein Y is a  $C_{2-4}$  alkylene.

14. (Currently Amended) The compound or salt thereof according to ~~any one of claims 1, 12 and 13~~ claim 12, wherein  $R^5$  is  $-(C_{2-4}$  alkylene)(aryl),  $-(C_{2-4}$  alkylene)(thienyl),  $-(C_{2-4}$  alkylene)SO<sub>2</sub>(aryl), or  $-(C_{2-4}$  alkylene)SO<sub>2</sub>(thienyl), where the aryl is a phenyl group which may be substituted with one or more substituents selected from the group consisting a halogen atom, a  $C_{1-6}$  alkyl group, CF<sub>3</sub> group, a  $C_{1-6}$  alkoxy group, cyano group,  $-N(G^7)(G^8)$ ,  $-CO_2(G^9)$ ,  $-S(O)_r(G^9)$ , and  $-N(G^9)SO_2(C_{1-6}$  alkyl), where  $G^9$  is hydrogen atom, or a  $C_{1-6}$  alkyl group,  $G^7$  and  $G^8$  independently represent hydrogen atom, or a  $C_{1-6}$  alkyl group, and r is an integer of 0 to 2.

15. (Currently Amended) The compound or salt thereof according to ~~any one of claims 1 to 14~~ claim 1, wherein  $R^1$  is hydrogen atom, hydroxyl group, or amino group.

16. (Currently Amended) The compound or salt thereof according to ~~any one of claims 1 to 15~~ claim 1, wherein  $R^2$  is hydrogen atom,



a C<sub>1-6</sub> alkyl group, a C<sub>2-3</sub> alkenyl group, a halogen atom, a -(C<sub>2-3</sub> alkylene)O(G<sup>1</sup>)-, -S(O)<sub>p</sub>(C<sub>1-6</sub> alkyl), or cyano group.

17. (Currently Amended) The compound or salt thereof according to ~~any one of claims 1 to 16~~ claim 1, wherein R<sup>2</sup> is a C<sub>1-6</sub> alkyl group, or cyano group.

18. (Currently Amended) The compound or salt thereof according to ~~any one of claims 1 to 16~~ claim 1, wherein R<sup>1</sup> is hydrogen atom, hydroxyl group, or amino group, and R<sup>2</sup> is a C<sub>1-6</sub> alkyl group, -(C<sub>2-3</sub> alkylene)O(G<sup>1</sup>), a C<sub>2-3</sub> alkenyl group, -S(O)<sub>p</sub>(C<sub>1-6</sub> alkyl), or cyano group.

19. (Currently Amended) The compound or salt thereof according to ~~any one of claims 1, 2, 5 to 7, 9, 10, 15, 16, and 18~~ claim 2, wherein R<sup>1</sup> is hydrogen atom, hydroxyl group, or amino group, R<sup>2</sup> is a C<sub>1-6</sub> alkyl group, a C<sub>2-3</sub> alkenyl group, or cyano group, and R<sup>3</sup> is a group represented by the formula (1-1-4) or formula (1-1-7).

20. (Currently Amended) The compound or salt thereof according to ~~any one of claims 1, 3 to 6, 8 to 11, 15, 16, and 18~~ claim 3, wherein R<sup>1</sup> is hydrogen atom, hydroxyl group, or amino group, R<sup>2</sup> is a C<sub>1-6</sub> alkyl group, -(C<sub>2-3</sub> alkylene)O(G<sup>1</sup>), a C<sub>2-3</sub> alkenyl group, or -S(O)<sub>p</sub>(C<sub>1-6</sub> alkyl), R<sup>3</sup> is a group represented by the

21. (Currently Amended) The compound or salt thereof according to ~~any one of claims 1, 3 to 6, 8 to 11, 15, 16, 18, and 20~~ claim 3, wherein R<sup>1</sup> is hydrogen atom, hydroxyl group, or amino group, R<sup>2</sup> is a C<sub>1-6</sub> alkyl group, or a C<sub>2-3</sub> alkenyl group, R<sup>3</sup> is a group represented by the formula (1-2-4) or formula (1-2-7), and R<sup>4</sup> is hydrogen atom.

22. (Currently Amended) The compound or salt thereof according to ~~any one of claims 1, 12 to 16, and 18~~ claim 12, wherein R<sup>3</sup> is a group represented by the formula (1-3), R<sup>1</sup> is hydrogen atom, hydroxyl group, or amino group, R<sup>2</sup> is hydrogen atom, or a C<sub>1-6</sub> alkyl group, and R<sup>5</sup> is 3-phenylpropyl, 2-(2-thienyl)ethyl, 2-(3-thienyl)ethyl, or 2-(phenylsulfonyl).

23. (Original) The compound or salt thereof according to claim 1, wherein the compound of the formula (1) is selected from the group consisting of 4-[(4-methyl-5-isoquinolyl)oxy]piperidine; 4-[(4-ethyl-5-isoquinolyl)oxy]piperidine; 4-[(4-cyano-5-isoquinolyl)-oxy]piperidine; trans-4-[(4-methyl-5-isoquinolyl)oxy]cyclohexylamine; trans-4-[(4-ethyl-5-isoquinolyl)oxy]cyclohexylamine; trans-4-[(4-cyano-5-isoquinolyl)oxy]cyclohexylamine; cis-4-[(4-methyl-5-isoquinolyl)oxy]cyclohexylamine; cis-4-[(4-ethyl-5-isoquinolyl)-

oxy]cyclohexylamine; and cis-4-[(4-cyano-5-isoquinolyl)oxy]cyclohexylamine.

24. (Original) The compound or salt thereof according to claim 1, wherein the compound of the formula (1) is selected from the group consisting of 1-(2-hydroxyethyl)-4-[(4-methyl-5-isoquinolyl)oxy]piperidine; 1-(2-hydroxyethyl)-4-[(4-ethyl-5-isoquinolyl)oxy]piperidine; 1-(2-hydroxyethyl)-4-[(4-cyano-5-isoquinolyl)oxy]piperidine; trans-1-[(4-methyl-5-isoquinolyl)oxy]-4-[(2-hydroxyethyl)amino]cyclohexane; trans-1-[(4-ethyl-5-isoquinolyl)oxy]-4-[(2-hydroxyethyl)amino]cyclohexane; trans-1-[(4-cyano-5-isoquinolyl)oxy]-4-[(2-hydroxyethyl)amino]cyclohexane; cis-1-[(4-methyl-5-isoquinolyl)oxy]-4-[(2-hydroxyethyl)amino]cyclohexane; cis-1-[(4-ethyl-5-isoquinolyl)oxy]-4-[(2-hydroxyethyl)amino]cyclohexane; and cis-1-[(4-cyano-5-isoquinolyl)oxy]-4-[(2-hydroxyethyl)amino]cyclohexane.

25. (Original) The compound or salt thereof according to claim 1, wherein the compound of the formula (1) is selected from the group consisting of 1-(3-hydroxypropyl)-4-[(4-methyl-5-isoquinolyl)oxy]piperidine; 1-(3-hydroxypropyl)-4-[(4-ethyl-5-isoquinolyl)oxy]piperidine; 1-(3-hydroxypropyl)-4-[(4-cyano-5-isoquinolyl)oxy]piperidine; trans-1-[(4-methyl-5-isoquinolyl)oxy]-4-[(3-hydroxypropyl)amino]cyclohexane; trans-1-[(4-ethyl-5-isoquinolyl)-

oxy]-4-[(3-hydroxypropyl)amino]cyclohexane; trans-1-[(4-cyano-5-isoquinolyl)oxy]-4-[(3-hydroxypropyl)amino]cyclohexane; cis-1-[(4-methyl-5-isoquinolyl)oxy]-4-[(3-hydroxypropyl)amino]cyclohexane; cis-1-[(4-ethyl-5-isoquinolyl)oxy]-4-[(3-hydroxypropyl)amino]cyclohexane; and cis-1-[(4-cyano-5-isoquinolyl)oxy]-4-[(3-hydroxypropyl)amino]cyclohexane.

26. (Original) The compound or salt thereof according to claim 1, wherein the compound of the formula (1) is selected from the group consisting of 4-[(1-hydroxy-4-methyl-5-isoquinolyl)oxy]piperidine; 4-[(1-hydroxy-4-ethyl-5-isoquinolyl)oxy]piperidine; trans-4-[(1-hydroxy-4-methyl-5-isoquinolyl)oxy]cyclohexylamine; trans-4-[(1-hydroxy-4-ethyl-5-isoquinolyl)oxy]cyclohexylamine; cis-4-[(1-hydroxy-4-methyl-5-isoquinolyl)oxy]cyclohexylamine; and cis-4-[(1-hydroxy-4-ethyl-5-isoquinolyl)oxy]cyclohexylamine.

27. (Original) The compound or salt thereof according to claim 1, wherein the compound of the formula (1) is selected from the group consisting of 4-[(4-methyl-5-isoquinolyl)amino]piperidine; 4-[(4-ethyl-5-isoquinolyl)amino]piperidine; 4-[(4-vinyl-5-isoquinolyl)amino]piperidine; trans-N-(4-methyl-5-isoquinolyl)-1,4-cyclohexanediamine; trans-N-(4-ethyl-5-isoquinolyl)-1,4-cyclohexanediamine; trans-N-(4-vinyl-5-isoquinolyl)-1,4-cyclohexanediamine; cis-N-(4-methyl-5-isoquinolyl)-1,4-cyclohexanediamine; cis-N-(4-

ethyl-5-isoquinolyl)-1,4-cyclohexanediamine; and cis-N-(4-vinyl-5-isoquinolyl)-1,4-cyclohexanediamine.

28. (Original) The compound or salt thereof according to claim 1, wherein the compound of the formula (1) is selected from the group consisting of 1-(2-hydroxyethyl)-4-(4-methyl-5-isoquinolyl)aminopiperidine; 1-(2-hydroxyethyl)-4-(4-ethyl-5-isoquinolyl)aminopiperidine; 1-(2-hydroxyethyl)-4-(4-vinyl-5-isoquinolyl)aminopiperidine; 1-(3-hydroxypropyl)-4-(4-methyl-5-isoquinolyl)aminopiperidine; 1-(3-hydroxypropyl)-4-(4-ethyl-5-isoquinolyl)aminopiperidine; 1-(3-hydroxypropyl)-4-(4-vinyl-5-isoquinolyl)aminopiperidine; trans-N-(4-methyl-5-isoquinolyl)-N'-(2-hydroxyethyl)-1,4-cyclohexanediamine; trans-N-(4-ethyl-5-isoquinolyl)-N'-(2-hydroxyethyl)-1,4-cyclohexanediamine; trans-N-(4-vinyl-5-isoquinolyl)-N'-(2-hydroxyethyl)-1,4-cyclohexanediamine; trans-N-(4-methyl-5-isoquinolyl)-N'-(3-hydroxypropyl)-1,4-cyclohexanediamine; trans-N-(4-ethyl-5-isoquinolyl)-N'-(3-hydroxypropyl)-1,4-cyclohexanediamine; trans-N-(4-vinyl-5-isoquinolyl)-N'-(3-hydroxypropyl)-1,4-cyclohexanediamine; cis-N-(4-methyl-5-isoquinolyl)-N'-(2-hydroxyethyl)-1,4-cyclohexanediamine; cis-N-(4-ethyl-5-isoquinolyl)-N'-(2-hydroxyethyl)-1,4-cyclohexanediamine; cis-N-(4-vinyl-5-isoquinolyl)-N'-(2-hydroxyethyl)-1,4-cyclohexanediamine; cis-N-(4-methyl-5-isoquinolyl)-N'-(3-hydroxypropyl)-1,4-cyclohexanediamine; cis-N-(4-ethyl-5-isoquinolyl)-N'-(3-hydroxypropyl)-1,4-cyclohexane-

diamine; and cis-N-(4-vinyl-5-isoquinolyl)-N'-(3-hydroxypropyl)-1,4-cyclohexanediamine.

29. (Original) The compound or salt thereof according to claim 1, wherein the compound of the formula (1) is selected from the group consisting of 4-(1-hydroxy-4-methyl-5-isoquinolyl)aminopiperidine; 4-(1-hydroxy-4-ethyl-5-isoquinolyl)aminopiperidine; trans-N-(1-hydroxy-4-methyl-5-isoquinolyl)-1,4-cyclohexanediamine; trans-N-(1-hydroxy-4-ethyl-5-isoquinolyl)-1,4-cyclohexanediamine; cis-N-(1-hydroxy-4-methyl-5-isoquinolyl)-1,4-cyclohexanediamine; and cis-N-(1-hydroxy-4-ethyl-5-isoquinolyl)-1,4-cyclohexanediamine.

30. (Original) The compound or salt thereof according to claim 1, wherein the compound of the formula (1) is selected from the group consisting of N-[(5-isoquinolyl)sulfonyl]-N-(3-phenylpropyl)-1,3-propylenediamine; N-[(5-isoquinolyl)sulfonyl]-N-[3-(3-carboxyphenyl)propyl]-1,3-propylenediamine; N-[(5-isoquinolyl)sulfonyl]-N-[2-(2-thienyl)ethyl]-1,3-propylenediamine; N-[(5-isoquinolyl)sulfonyl]-N-[2-(phenylsulfonyl)ethyl]-1,3-propylenediamine; N-[(5-isoquinolyl)sulfonyl]-N-(3-phenylpropyl)ethylenediamine; N-[(5-isoquinolyl)sulfonyl]-N-[3-(3-carboxyphenyl)propyl]ethylenediamine; N-[(5-isoquinolyl)sulfonyl]-N-[2-(2-thienyl)ethyl]ethylenediamine; N-[(5-isoquinolyl)sulfonyl]-N-[2-(phenylsulfonyl)ethyl]ethylenediamine; N-[(4-methyl-5-isoquinolyl)sulfonyl]-N-(3-phenylpropyl)-

1,3-propylenediamine; N-[(4-methyl-5-isoquinolyl)sulfonyl]-N-[3-(3-carboxyphenyl)propyl]-1,3-propylenediamine; N-[(4-methyl-5-isoquinolyl)sulfonyl]-N-[2-(2-thienyl)ethyl]-1,3-propylenediamine; N-[(4-methyl-5-isoquinolyl)sulfonyl]-N-[2-(phenylsulfonyl)ethyl]-1,3-propylenediamine; N-[(4-methyl-5-isoquinolyl)sulfonyl]-N-(3-phenylpropyl)ethylenediamine; N-[(4-methyl-5-isoquinolyl)sulfonyl]-N-[3-(3-carboxyphenyl)propyl]ethylenediamine; N-[(4-methyl-5-isoquinolyl)sulfonyl]-N-[2-(2-thienyl)ethyl]ethylenediamine; and N-[(4-methyl-5-isoquinolyl)sulfonyl]-N-[2-(phenylsulfonyl)ethyl]ethylenediamine.

31. (Original) The compound or salt thereof according to claim 1, wherein the compound of the formula (1) is selected from the group consisting of N-[(1-hydroxy-5-isoquinolyl)sulfonyl]-N-(3-phenylpropyl)-1,3-propylenediamine; N-[(1-hydroxy-5-isoquinolyl)sulfonyl]-N-[3-(3-carboxyphenyl)propyl]-1,3-propylenediamine; N-[(1-hydroxy-5-isoquinolyl)sulfonyl]-N-[2-(2-thienyl)ethyl]-1,3-propylenediamine; N-[(1-hydroxy-5-isoquinolyl)sulfonyl]-N-[2-(phenylsulfonyl)ethyl]-1,3-propylenediamine; N-[(1-hydroxy-5-isoquinolyl)sulfonyl]-N-(3-phenylpropyl)ethylenediamine; N-[(1-hydroxy-5-isoquinolyl)sulfonyl]-N-[3-(3-carboxyphenyl)propyl]ethylenediamine; N-[(1-hydroxy-5-isoquinolyl)sulfonyl]-N-[2-(2-thienyl)ethyl]ethylenediamine; N-[(1-hydroxy-5-isoquinolyl)sulfonyl]-N-[2-(phenylsulfonyl)ethyl]ethylenediamine; N-[(1-amino-5-isoquinolyl)-

sulfonyl]-N-(3-phenylpropyl)-1,3-propylenediamine; N-[(1-amino-5-isoquinolyl)sulfonyl]-N-[3-(3-carboxyphenyl)propyl]-1,3-propylenediamine; N-[(1-amino-5-isoquinolyl)sulfonyl]-N-[2-(2-thienyl)ethyl]-1,3-propylenediamine; N-[(1-amino-5-isoquinolyl)sulfonyl]-N-[2-(phenylsulfonyl)ethyl]-1,3-propylenediamine; N-[(1-amino-5-isoquinolyl)sulfonyl]-N-(3-phenylpropyl)ethylenediamine; N-[(1-amino-5-isoquinolyl)sulfonyl]-N-[3-(3-carboxyphenyl)propyl]ethylenediamine; N-[(1-amino-5-isoquinolyl)sulfonyl]-N-[2-(2-thienyl)ethyl]ethylenediamine; and N-[(1-amino-5-isoquinolyl)sulfonyl]-N-[2-(phenylsulfonyl)ethyl]ethylenediamine.

32. (Original) The compound or salt thereof according to claim 1, wherein the compound of the formula (1) is selected from the group consisting of N-[(1-hydroxy-4-methyl-5-isoquinolyl)sulfonyl]-N-(3-phenylpropyl)-1,3-propylenediamine; N-[(1-hydroxy-4-methyl-5-isoquinolyl)sulfonyl]-N-[3-(3-carboxyphenyl)propyl]-1,3-propylenediamine; N-[(1-hydroxy-4-methyl-5-isoquinolyl)sulfonyl]-N-[2-(2-thienyl)ethyl]-1,3-propylenediamine; N-[(1-hydroxy-4-methyl-5-isoquinolyl)sulfonyl]-N-[2-(phenylsulfonyl)ethyl]-1,3-propylenediamine; N-[(1-hydroxy-4-methyl-5-isoquinolyl)sulfonyl]-N-(3-phenylpropyl)ethylenediamine; N-[(1-hydroxy-4-methyl-5-isoquinolyl)sulfonyl]-N-[3-(3-carboxyphenyl)propyl]ethylenediamine; N-[(1-hydroxy-4-methyl-5-isoquinolyl)sulfonyl]-N-[2-(2-thienyl)ethyl]ethylenediamine; N-[(1-hydroxy-4-methyl-5-isoquinolyl)sulfonyl]-N-[2-



(phenylsulfonyl)ethyl]ethylenediamine; N-[(1-amino-4-methyl-5-isoquinolyl)sulfonyl]-N-(3-phenylpropyl)-1,3-propylenediamine; N-[(1-amino-4-methyl-5-isoquinolyl)sulfonyl]-N-[3-(3-carboxyphenyl)propyl]-1,3-propylenediamine; N-[(1-amino-4-methyl-5-isoquinolyl)sulfonyl]-N-[2-(2-thienyl)ethyl]-1,3-propylenediamine; N-[(1-amino-4-methyl-5-isoquinolyl)sulfonyl]-N-[2-(phenylsulfonyl)ethyl]-1,3-propylenediamine; N-[(1-amino-4-methyl-5-isoquinolyl)sulfonyl]-N-(3-phenylpropyl)ethylenediamine; N-[(1-amino-4-methyl-5-isoquinolyl)sulfonyl]-N-[3-(3-carboxyphenyl)propyl]ethylenediamine; N-[(1-amino-4-methyl-5-isoquinolyl)sulfonyl]-N-[2-(2-thienyl)ethyl]ethylenediamine; and N-[(1-amino-4-methyl-5-isoquinolyl)sulfonyl]-N-[2-(phenylsulfonyl)ethyl]ethylenediamine.

33. (Currently Amended) A medicament comprising a compound represented by the formula (1) according to claim 1 or a physiologically acceptable salt thereof.

34. (Original) The medicament according to claim 33, which is used for prophylactic and/or therapeutic treatment of glaucoma.

35. (Original) The medicament according to claim 33, which is used for prophylactic and/or therapeutic treatment of bronchial asthma and/or chronic obstructive pulmonary disease.

36. (Original) An inhibitor of the phosphorylation of myosin regulatory light chain, which comprises a compound represented by the formula (1) or a salt thereof according to claim 1.

37. (Original) An inhibitor of the Rho/Rho kinase pathway, which comprises a compound represented by the formula (1) or a salt thereof according to claim 1.

38. (NEW) The compound or salt thereof according to claim 1 wherein  $R^2$  is a  $C_{1-6}$  alkyl group,  $-(C_{2-3} \text{ alkylene})O(G^1)$ ,  $-(C_{2-3} \text{ alkylene})CO_2(G^1)$ ,  $-N(G^2)(G^3)$ ,  $-O(C_{2-3} \text{ alkylene})O(G^1)$ ,  $-NH(C_{2-3} \text{ alkylene})O(G^1)$ ,  $-NH(C_{2-3} \text{ alkylene})N(G^2)(G^3)$ , a  $C_{2-3}$  alkenyl group, a  $C_{2-3}$  alkynyl group, a  $C_{1-6}$  alkoxy group,  $-(C_{2-3} \text{ alkylene})SO_2(C_{1-6} \text{ alkyl})$ ,  $-S(O)_p(C_{1-6} \text{ alkyl})$ ,  $-O(C_{2-3} \text{ alkylene})SO_2(C_{1-6} \text{ alkyl})$ , or cyano group; and

$R^3$  represents a group represented by the formula (1-1)

wherein

X represents propylene group, butylene group,  $-C(A^5)(A^{51})-$ ,  $-C(A^5)(A^{51})-C(A^6)(A^{61})-$ , or a single bond; and

$A^{11}$ ,  $A^{21}$ ,  $A^{51}$ , and  $A^{61}$  independently represent hydrogen atom, or a  $C_{1-6}$  alkyl group;

$A^{31}$  represents a  $C_{1-6}$  alkyl group substituted with hydroxyl group, or hydrogen atom; and

groups in each of one or more combinations selected from the group

consisting of combinations of A<sup>3</sup> and A<sup>2</sup>, A<sup>3</sup> and A<sup>1</sup>, A<sup>3</sup> and A<sup>5</sup>, A<sup>3</sup> and A<sup>6</sup>, A<sup>2</sup> and A<sup>1</sup>, A<sup>2</sup> and A<sup>5</sup>, A<sup>2</sup> and A<sup>6</sup>, A<sup>1</sup> and A<sup>5</sup>, A<sup>1</sup> and A<sup>6</sup>, and A<sup>5</sup> and A<sup>6</sup> bind to each other to form a saturated 6-membered ring, provided that a group or groups among A<sup>1</sup>, A<sup>2</sup>, A<sup>3</sup>, A<sup>5</sup>, and A<sup>6</sup> not involved in the ring formation independently represent hydrogen atom, or a C<sub>1-6</sub> alkyl group.

39. (NEW) The compound or salt thereof according to claim 38 wherein the groups in each of one or more combinations selected from the group consisting of combinations of A<sup>3</sup> and A<sup>2</sup>, A<sup>3</sup> and A<sup>1</sup>, A<sup>3</sup> and A<sup>5</sup>, A<sup>3</sup> and A<sup>6</sup>, A<sup>2</sup> and A<sup>1</sup>, A<sup>2</sup> and A<sup>5</sup>, A<sup>2</sup> and A<sup>6</sup>, A<sup>1</sup> and A<sup>5</sup>, A<sup>1</sup> and A<sup>6</sup>, and A<sup>5</sup> and A<sup>6</sup> are groups in each of one or more combinations selected from the group consisting of combinations of A<sup>3</sup> and A<sup>2</sup>, A<sup>3</sup> and A<sup>1</sup>, A<sup>3</sup> and A<sup>5</sup>, and A<sup>2</sup> and A<sup>5</sup>.

40. (NEW) The compound or salt thereof according to claim 38 wherein the groups in each of one or more combinations selected from the group consisting of combinations of A<sup>3</sup> and A<sup>2</sup>, A<sup>3</sup> and A<sup>1</sup>, A<sup>3</sup> and A<sup>5</sup>, A<sup>3</sup> and A<sup>6</sup>, A<sup>2</sup> and A<sup>1</sup>, A<sup>2</sup> and A<sup>5</sup>, A<sup>2</sup> and A<sup>6</sup>, A<sup>1</sup> and A<sup>5</sup>, A<sup>1</sup> and A<sup>6</sup>, and A<sup>5</sup> and A<sup>6</sup> are groups in each of one or more combinations selected from the group consisting of combinations of, A<sup>3</sup> and A<sup>5</sup>, and A<sup>2</sup> and A<sup>5</sup>.

41. (NEW) The compound or salt thereof according to claim 38

wherein  $R^2$  is a  $C_{1-6}$  alkyl group, a  $C_{2-3}$  alkenyl group, or cyano group.

42. (NEW) The compound or salt thereof according to claim 39 wherein  $R^2$  is a  $C_{1-6}$  alkyl group, a  $C_{2-3}$  alkenyl group, or cyano group.

43. (NEW) The compound or salt thereof according to claim 40 wherein  $R^2$  is a  $C_{1-6}$  alkyl group, a  $C_{2-3}$  alkenyl group, or cyano group.

44. (NEW) The compound or salt thereof according to claim 1 wherein  $R^2$  is a  $C_{1-6}$  alkyl group,  $-(C_{2-3} \text{ alkylene})O(G^1)$ ,  $-(C_{2-3} \text{ alkylene})CO_2(G^1)$ ,  $-N(G^2)(G^3)$ ,  $-O(C_{2-3} \text{ alkylene})O(G^1)$ ,  $-NH(C_{2-3} \text{ alkylene})O(G^1)$ ,  $-NH(C_{2-3} \text{ alkylene})N(G^2)(G^3)$ , a  $C_{2-3}$  alkenyl group, a  $C_{2-3}$  alkynyl group, a  $C_{1-6}$  alkoxy group,  $-(C_{2-3} \text{ alkylene})SO_2(C_{1-6} \text{ alkyl})$ ,  $-S(O)_p(C_{1-6} \text{ alkyl})$ ,  $-O(C_{2-3} \text{ alkylene})SO_2(C_{1-6} \text{ alkyl})$ , or cyano group; and

$R^3$  represents a group represented by the formula (1-2), wherein X represents propylene group, butylene group,  $-C(A^5)(A^{51})-$ ,  $-C(A^5)(A^{51})-C(A^6)(A^{61})-$ , or a single bond;

$A^{11}$ ,  $A^{21}$ ,  $A^{51}$ , and  $A^{61}$  independently represent hydrogen atom, or a  $C_{1-6}$  alkyl group;

$A^{31}$  represents a  $C_{1-6}$  alkyl group substituted with hydroxyl group, or

hydrogen atom;

R<sup>4</sup> represents hydrogen atom, or a C<sub>1-6</sub> alkyl group; and

A<sup>1</sup>, A<sup>2</sup>, A<sup>3</sup>, A<sup>5</sup>, and A<sup>6</sup> independently represent hydrogen atom, or a C<sub>1-6</sub> alkyl group; or

groups in each of one or more combinations selected from the group consisting of combinations of A<sup>3</sup> and A<sup>2</sup>, A<sup>3</sup> and A<sup>1</sup>, A<sup>3</sup> and A<sup>5</sup>, A<sup>3</sup> and A<sup>6</sup>, A<sup>2</sup> and A<sup>1</sup>, A<sup>2</sup> and A<sup>5</sup>, A<sup>2</sup> and A<sup>6</sup>, A<sup>1</sup> and A<sup>5</sup>, A<sup>1</sup> and A<sup>6</sup>, and A<sup>5</sup> and A<sup>6</sup> may bind to each other to form a 5- or 6-membered ring.

45. (NEW) The compound or salt thereof according to claim 44 wherein

groups in each of one or more combinations selected from the group consisting of combinations of A<sup>3</sup> and A<sup>2</sup>, A<sup>3</sup> and A<sup>1</sup>, A<sup>3</sup> and A<sup>5</sup>, A<sup>3</sup> and A<sup>6</sup>, A<sup>2</sup> and A<sup>1</sup>, A<sup>2</sup> and A<sup>5</sup>, A<sup>2</sup> and A<sup>6</sup>, A<sup>1</sup> and A<sup>5</sup>, A<sup>1</sup> and A<sup>6</sup>, and A<sup>5</sup> and A<sup>6</sup> bind to each other to form a 5- or 6-membered ring, provided that a group or groups among A<sup>1</sup>, A<sup>2</sup>, A<sup>3</sup>, A<sup>5</sup>, and A<sup>6</sup> not involved in the ring formation independently represent hydrogen atom, or a C<sub>1-6</sub> alkyl group.

46. (NEW) The compound or salt thereof according to claim 45 wherein the 5- or 6-membered ring is a saturated 6-membered ring.

47. (NEW) The compound or salt thereof according to claim 46 wherein the groups in each of one or more combinations selected

from the group consisting of combinations of  $A^3$  and  $A^2$ ,  $A^3$  and  $A^1$ ,  $A^3$  and  $A^5$ ,  $A^3$  and  $A^6$ ,  $A^2$  and  $A^1$ ,  $A^2$  and  $A^5$ ,  $A^2$  and  $A^6$ ,  $A^1$  and  $A^5$ ,  $A^1$  and  $A^6$ , and  $A^5$  and  $A^6$  are groups in each of one or more combinations selected from the group consisting of combinations of  $A^3$  and  $A^2$ ,  $A^3$  and  $A^1$ ,  $A^3$  and  $A^5$ , and  $A^2$  and  $A^5$ .

48. (NEW) The compound or salt thereof according to claim 46 wherein the groups in each of one or more combinations selected from the group consisting of combinations of  $A^3$  and  $A^2$ ,  $A^3$  and  $A^1$ ,  $A^3$  and  $A^5$ ,  $A^3$  and  $A^6$ ,  $A^2$  and  $A^1$ ,  $A^2$  and  $A^5$ ,  $A^2$  and  $A^6$ ,  $A^1$  and  $A^5$ ,  $A^1$  and  $A^6$ , and  $A^5$  and  $A^6$  are groups in each of one or more combinations selected from the group consisting of combinations of  $A^3$  and  $A^5$ , and  $A^2$  and  $A^5$ .

49. (NEW) The compound or salt thereof according to claim 45 wherein  $R^2$  is a  $C_{1-6}$  alkyl group,  $-(C_{2-3} \text{ alkylene})CO_2(G^1)$ , a  $C_{2-3}$  alkenyl group, or  $-S(O)_p(C_{1-6} \text{ alkyl})$ .

50. (NEW) The compound or salt thereof according to claim 47 wherein  $R^2$  is a  $C_{1-6}$  alkyl group,  $-(C_{2-3} \text{ alkylene})CO_2(G^1)$ , a  $C_{2-3}$  alkenyl group, or  $-S(O)_p(C_{1-6} \text{ alkyl})$ .

51. (NEW) The compound or salt thereof according to claim 1 wherein  $R^2$  is a halogen atom.

52. (NEW) The compound or salt thereof according to claim 2  
wherein  $R^2$  is a halogen atom.

53. (NEW) The compound or salt thereof according to claim 7  
wherein  $R^2$  is a halogen atom.